WHAT IS CLAIMED IS:

1. A method for correcting for exposure in a digital image which was captured by an image capture device and which is to be printed on a printer which forms monochrome or color images, on a medium, comprising the steps of:

a) providing a plurality of exposure and tone scale correcting transforms, each such transform being unique to an exposure condition and which corrects exposure and tone scale for a digital image captured by the capture device for such unique exposure conditions and to be printed by the printer;

b) applying the plurality of transforms to the digital image and printing a plurality of images corresponding to the digital image on which the transforms were applied; and

c) determining from the printed plurality of images the most satisfying printed image to the user which corresponds a particular transform to be used to make visual images from the digital image.

2. A method for correcting for exposure in a digital image which was captured by an image capture device and which is to be printed on a printer which forms monochrome or color images, on a medium, comprising the steps of:

a) providing a plurality of exposure and tone scale correcting transforms, each such transform being unique to an exposure condition and which corrects exposure and tone scale for a digital image captured by the capture device for such unique exposure conditions and to be printed by the printer;

b) applying the plurality of transforms to the digital image and producing a plurality of visual digital images on a display and printing on a particular printer such plurality of visual digital images corresponding to the digital image on which the transforms were applied; and

c) determining from the printed plurality of images the most satisfying printed image to the user which corresponds a particular transform to be used to make visual images from the digital image so that the user can correlate the difference between display and printed images.

3. The method of claim 2 wherein the particular transform is used to make one or more printed images using the particular transform of the selected digital images.

4. A method for correcting for exposure in a digital image which was captured by an image capture device and which is to be printed on a printer which forms monochrome or color images, on a medium, comprising the steps of:

a) providing a plurality of exposure and tone scale correcting nonlinear transforms, each such nonlinear transform being unique to an exposure condition and which corrects exposure and tone scale for a digital image captured by the capture device for such unique exposure conditions and to be printed by the printer;

b) applying the plurality of nonlinear transforms to the digital image and producing a plurality of visual digital images on a display and printing on a particular printer such plurality of visual digital images corresponding to the digital image on which the nonlinear transforms were applied; and

c) determining the most satisfying printed image to the user which corresponds a particular nonlinear transform to be used to make visual images from the digital image which is corrected for exposure and tone scale when printed by the printer.

5. The method of claim 4 wherein the image capture device is a digital camera and the medium is a photographic silver halide element, ink jet receiver or thermal print medium.